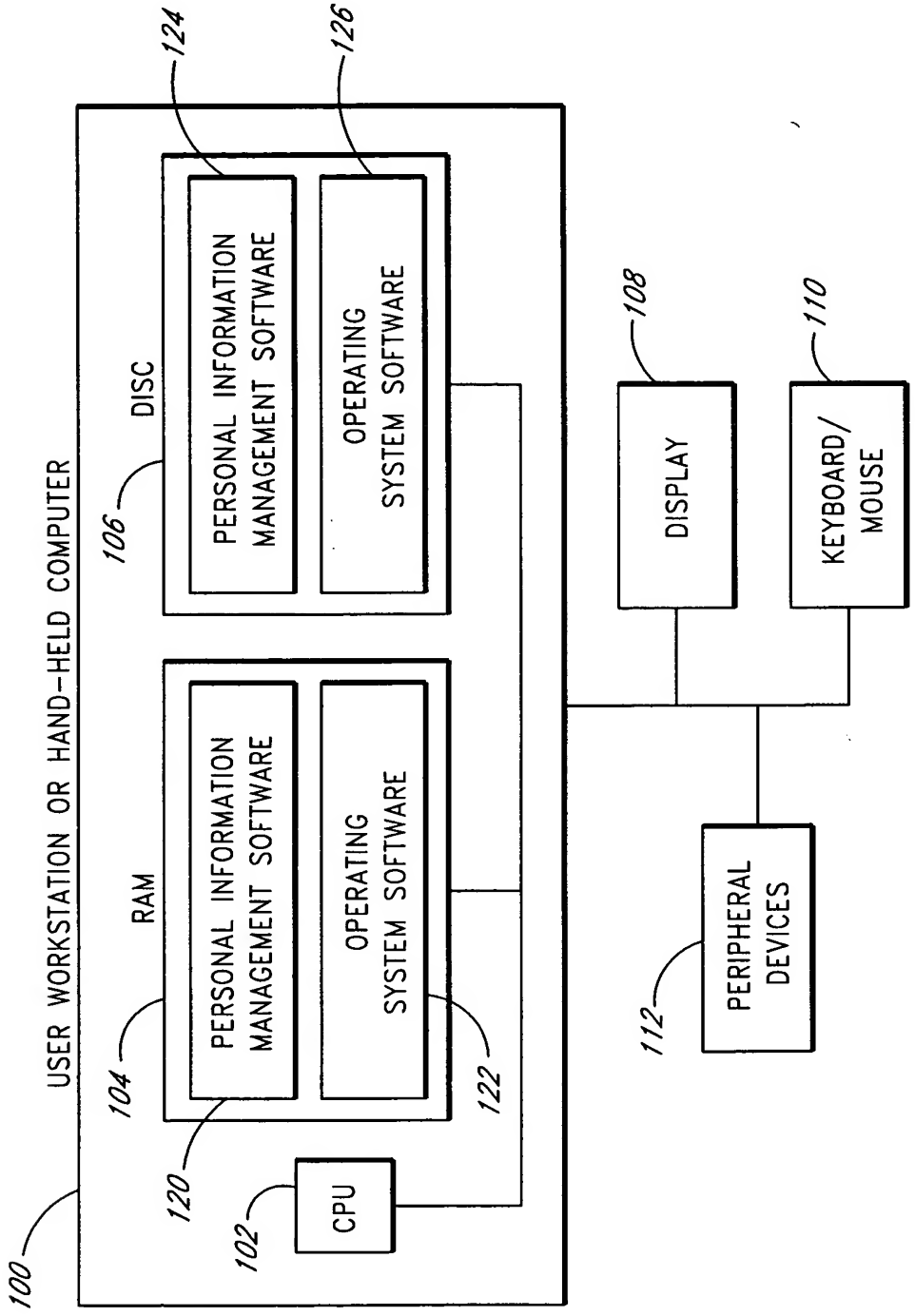

FIG. 1
(PRIOR ART)

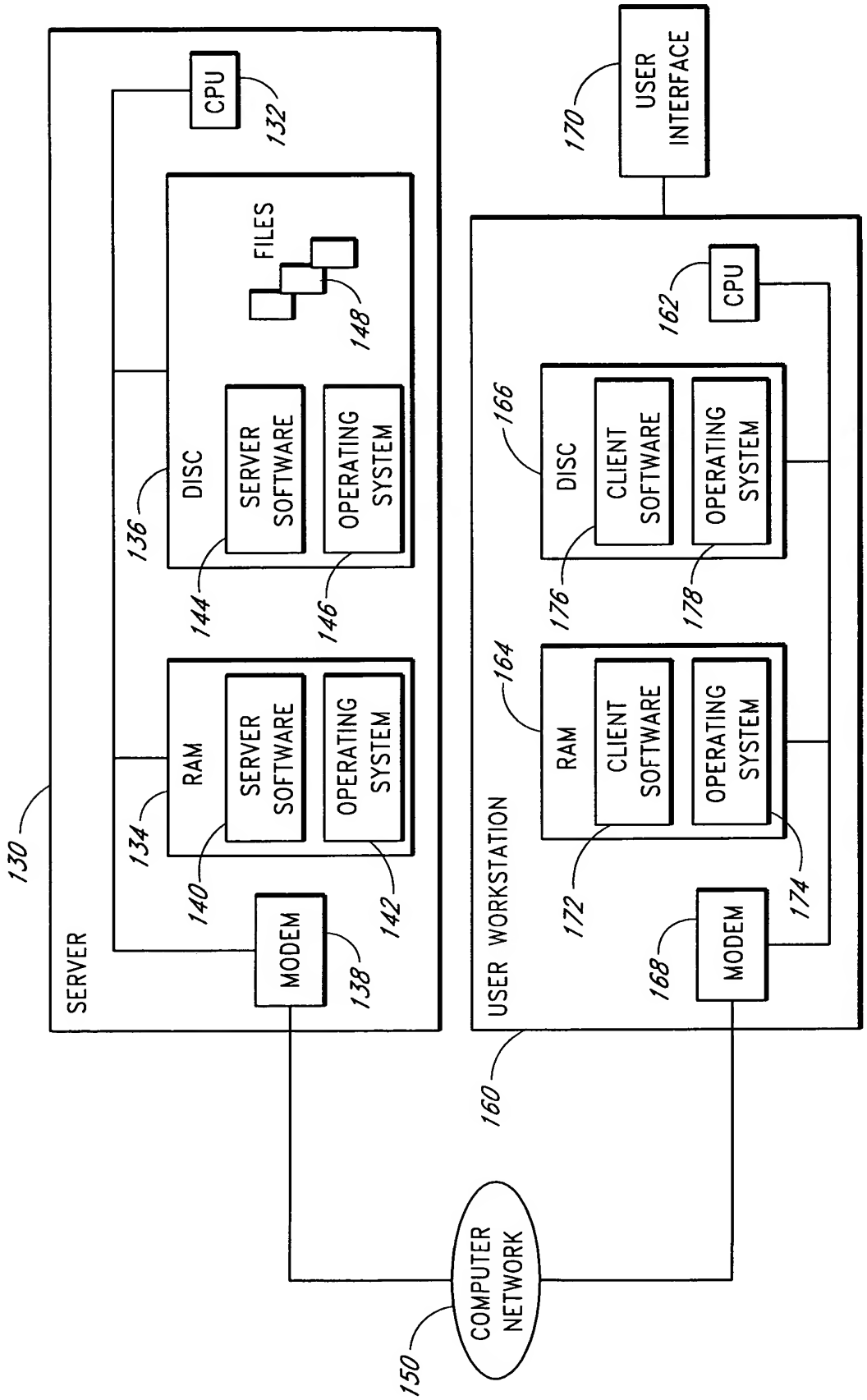

FIG. 2
(PRIOR ART)

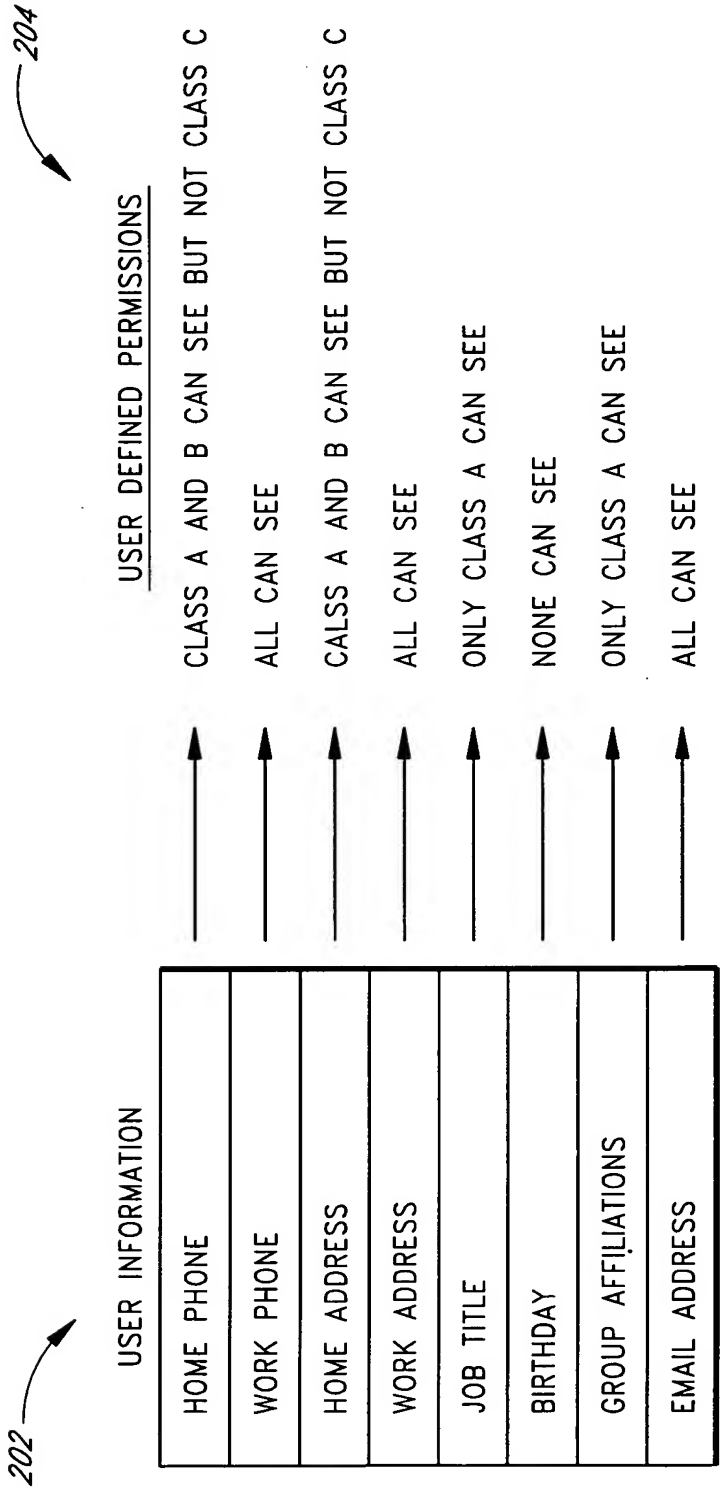

FIG. 3
(PRIOR ART)

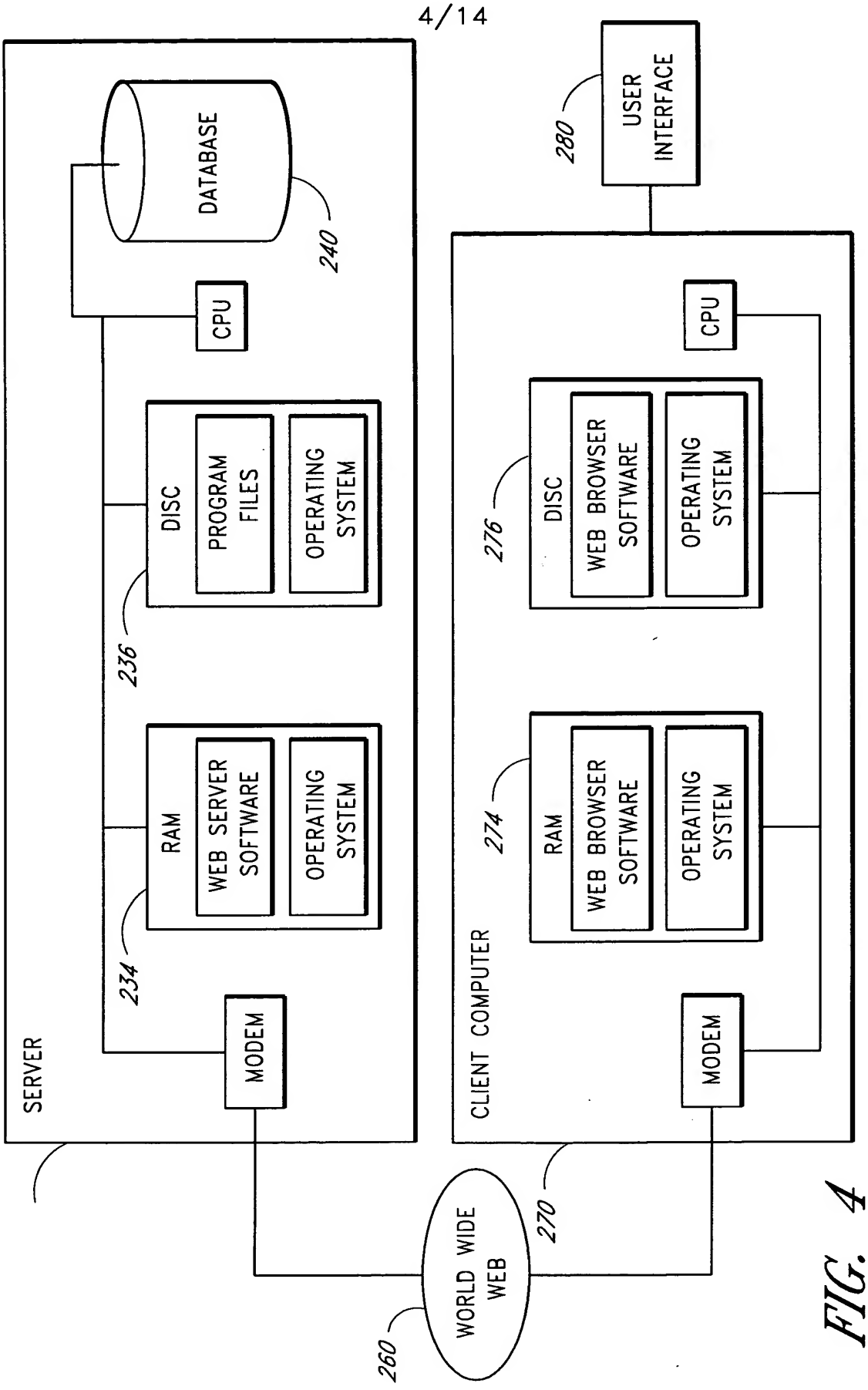

FIG. 4
(PRIOR ART)

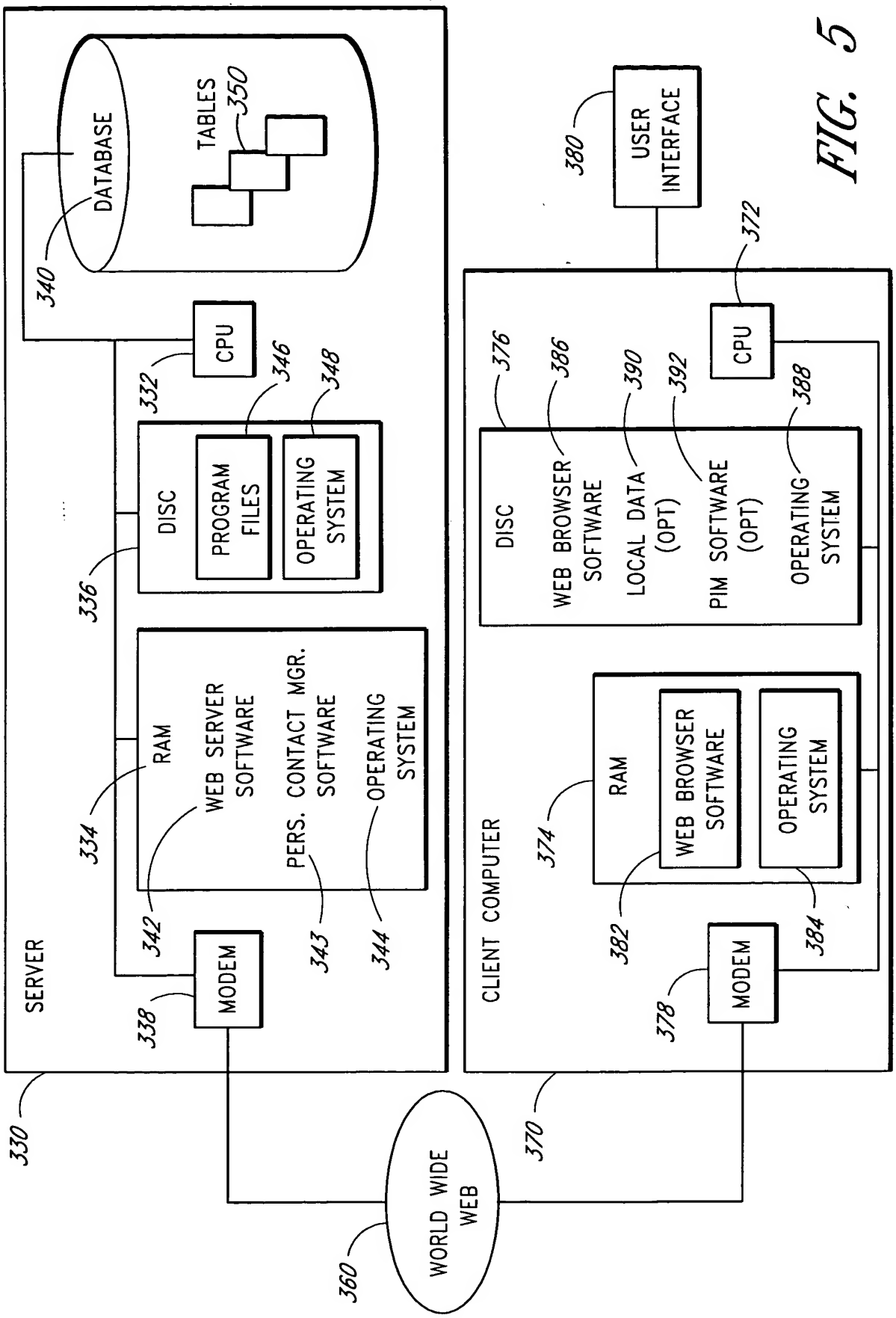
SERVER
330
DATABASE
340
TABLES
350
CPU
332
DISC
336
PROGRAM FILES
346
OPERATING SYSTEM
348
RAM
334
WEB SERVER SOFTWARE
342
PERS. CONTACT MGR. SOFTWARE
343
OPERATING SYSTEM
344
MODEM
338
WORLD WIDE WEB
360
CLIENT COMPUTER
370
USER INTERFACE
380
CPU
372
DISC
376
WEB BROWSER SOFTWARE
386
LOCAL DATA (OPT)
390
PIM SOFTWARE (OPT)
392
OPERATING SYSTEM
388
RAM
374
WEB BROWSER SOFTWARE
382
OPERATING SYSTEM
384
MODEM
378

FIG. 5

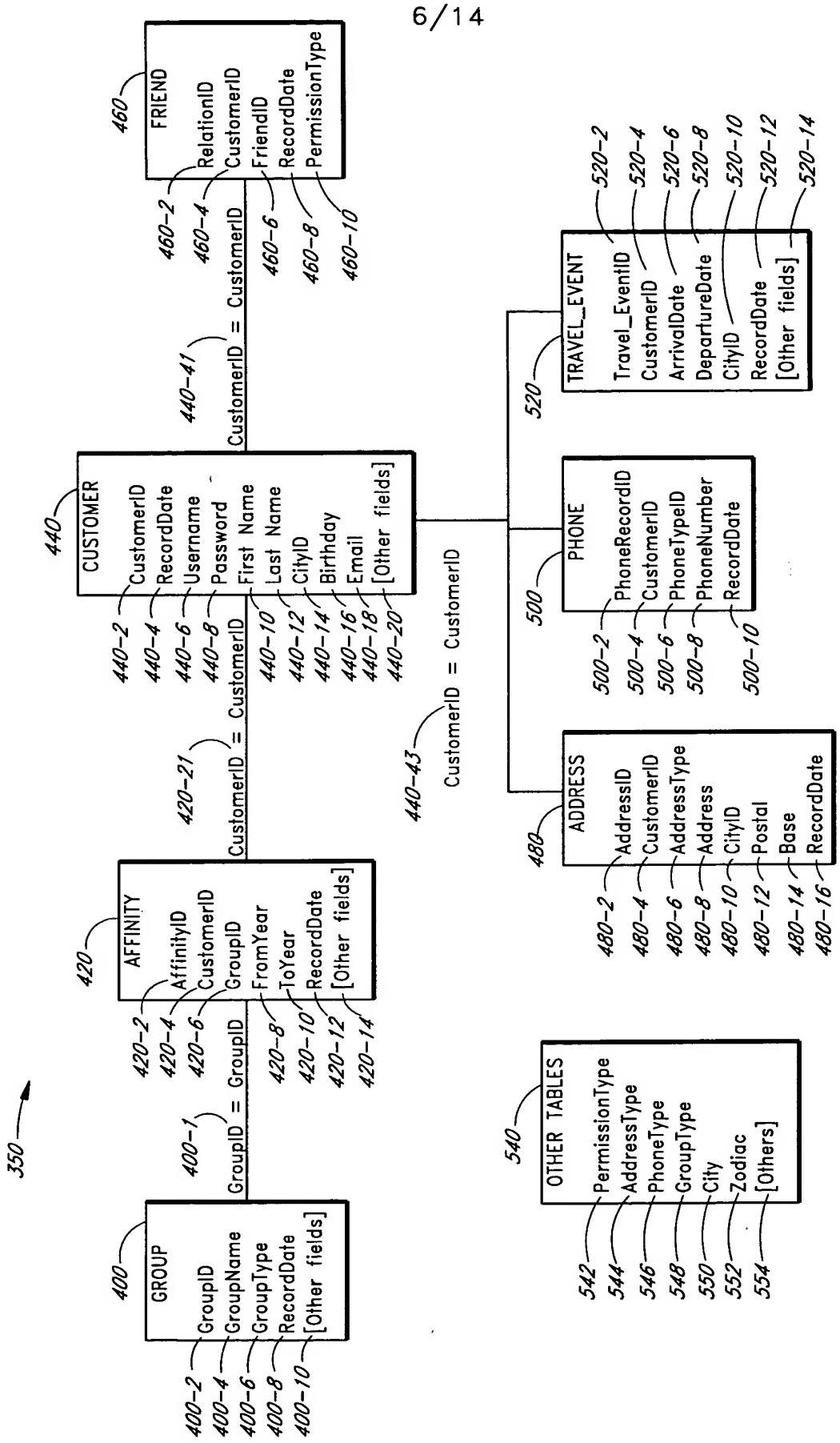
350
GROUP
400
400-2 GroupID
400-4 GroupName
400-6 GroupType
400-8 RecordDate
400-10 [Other fields]
400-1 GroupID = GroupID
AFFINITY
420
420-2 AffinityID
420-4 CustomerID
420-6 GroupID
420-8 FromYear
420-10 ToYear
420-12 RecordDate
420-14 [Other fields]
420-21 CustomerID = CustomerID
CUSTOMER
440
440-2 CustomerID
440-4 RecordDate
440-6 Username
440-8 Password
440-10 First Name
440-12 Last Name
440-14 CityID
440-16 Birthday
440-18 Email
440-20 [Other fields]
440-41 CustomerID = CustomerID
FRIEND
460
460-2 RelationID
460-4 CustomerID
460-6 FriendID
460-8 RecordDate
460-10 PermissionType
440-43 CustomerID = CustomerID
PHONE
500
500-2 PhoneRecordID
500-4 CustomerID
500-6 PhoneTypeID
500-8 PhoneNumber
500-10 RecordDate
TRAVEL_EVENT
520
520-2 Travel_EventID
520-4 CustomerID
520-6 ArrivalDate
520-8 DepartureDate
520-10 CityID
520-12 RecordDate
520-14 [Other fields]
ADDRESS
480
480-2 AddressID
480-4 CustomerID
480-6 AddressType
480-8 Address
480-10 CityID
480-12 Postal
480-14 Base
480-16 RecordDate
OTHER TABLES
540
542 PermissionType
544 AddressType
546 PhoneType
548 GroupType
550 City
552 Zodiac
554 [Others]

FIG. 6

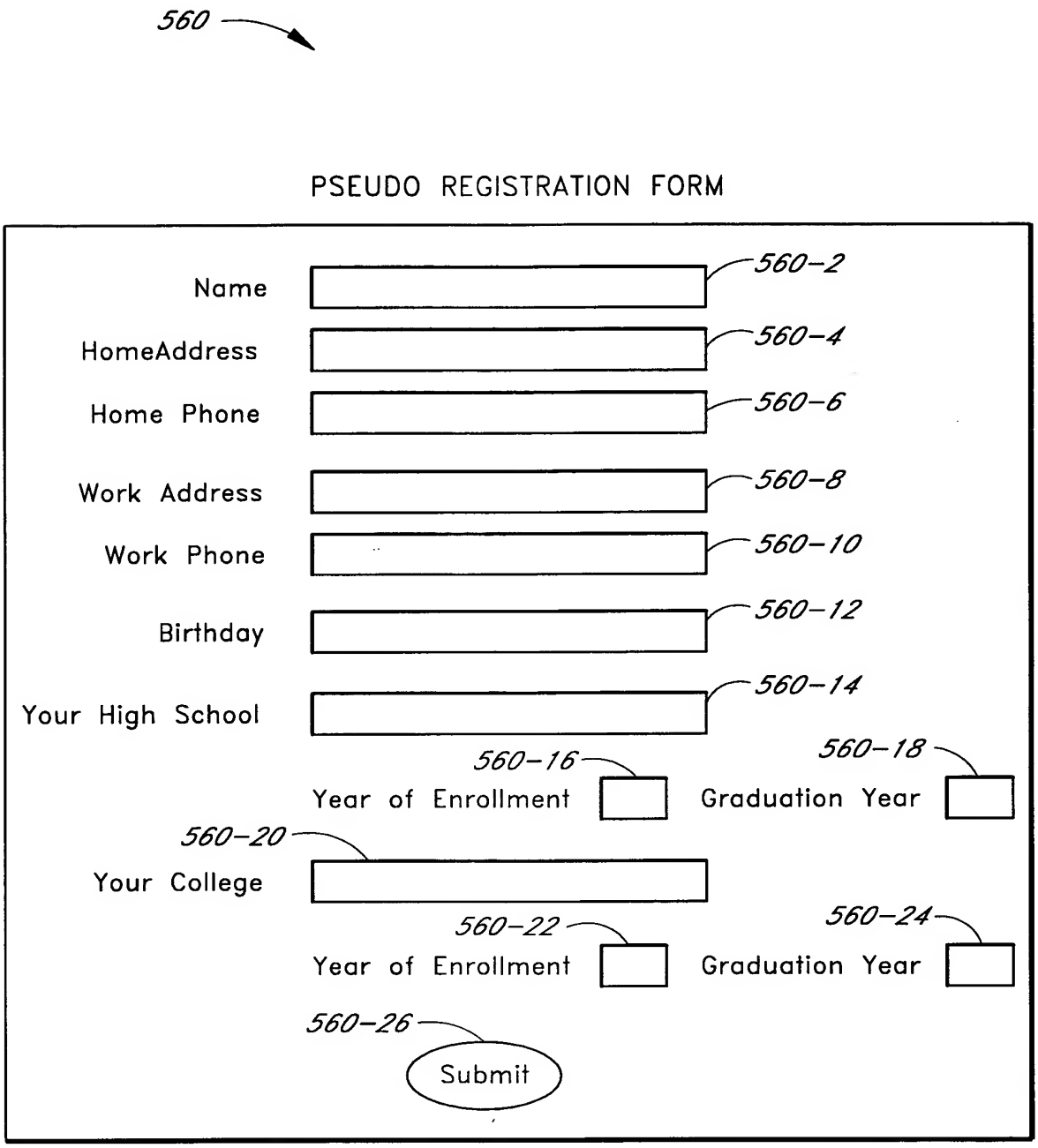
560
PSEUDO REGISTRATION FORM
Name
560-2
HomeAddress
560-4
Home Phone
560-6
Work Address
560-8
Work Phone
560-10
Birthday
560-12
Your High School
560-14
560-16
Year of Enrollment
560-18
Graduation Year
560-20
Your College
560-22
Year of Enrollment
560-24
Graduation Year
560-26
Submit

FIG. 7

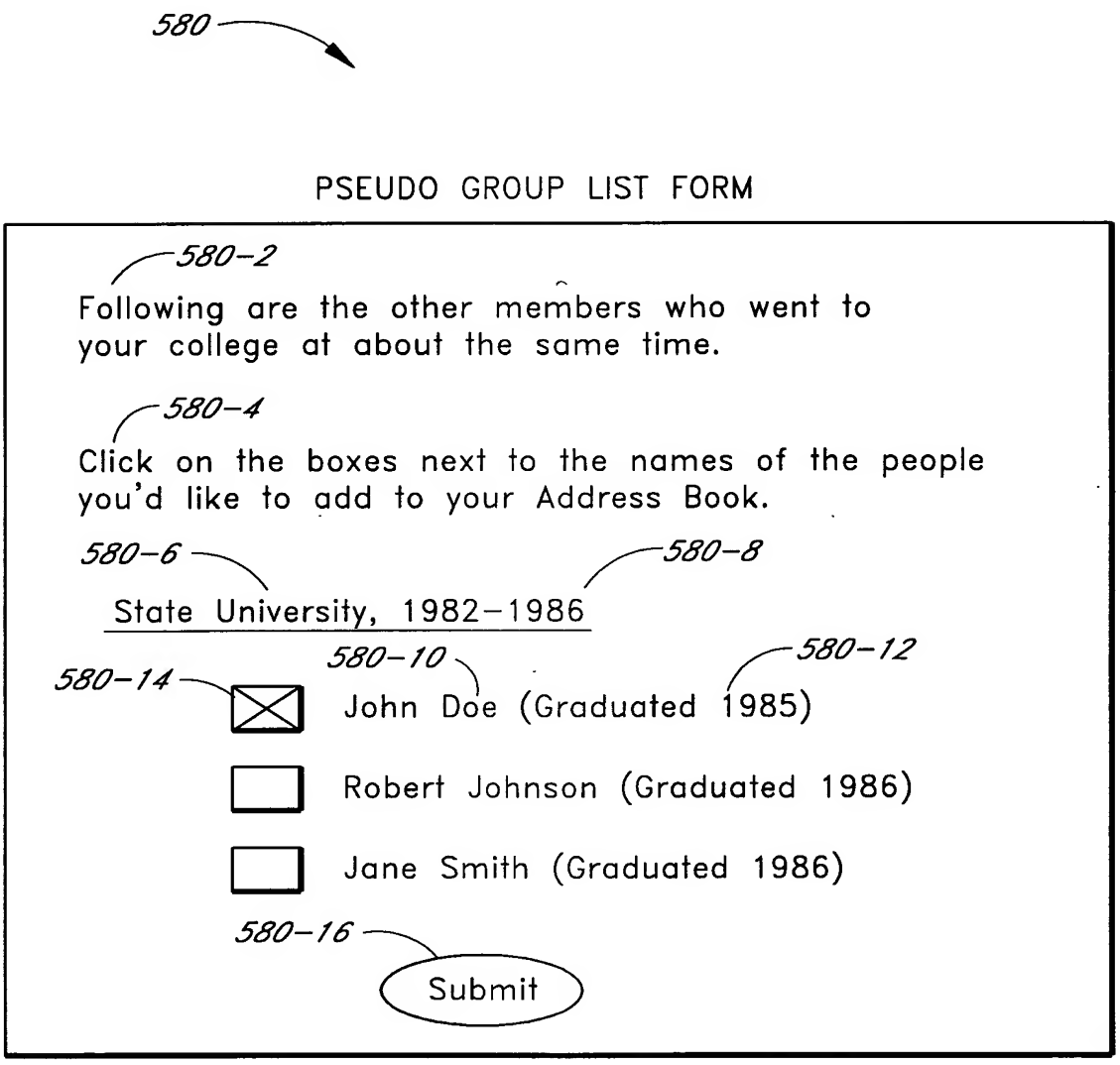
580
PSEUDO GROUP LIST FORM
580-2
Following are the other members who went to your college at about the same time.
580-4
Click on the boxes next to the names of the people you'd like to add to your Address Book.
580-6
580-8
State University, 1982-1986
580-10
580-12
580-14
John Doe (Graduated 1985)
Robert Johnson (Graduated 1986)
Jane Smith (Graduated 1986)
580-16
Submit

FIG. 8

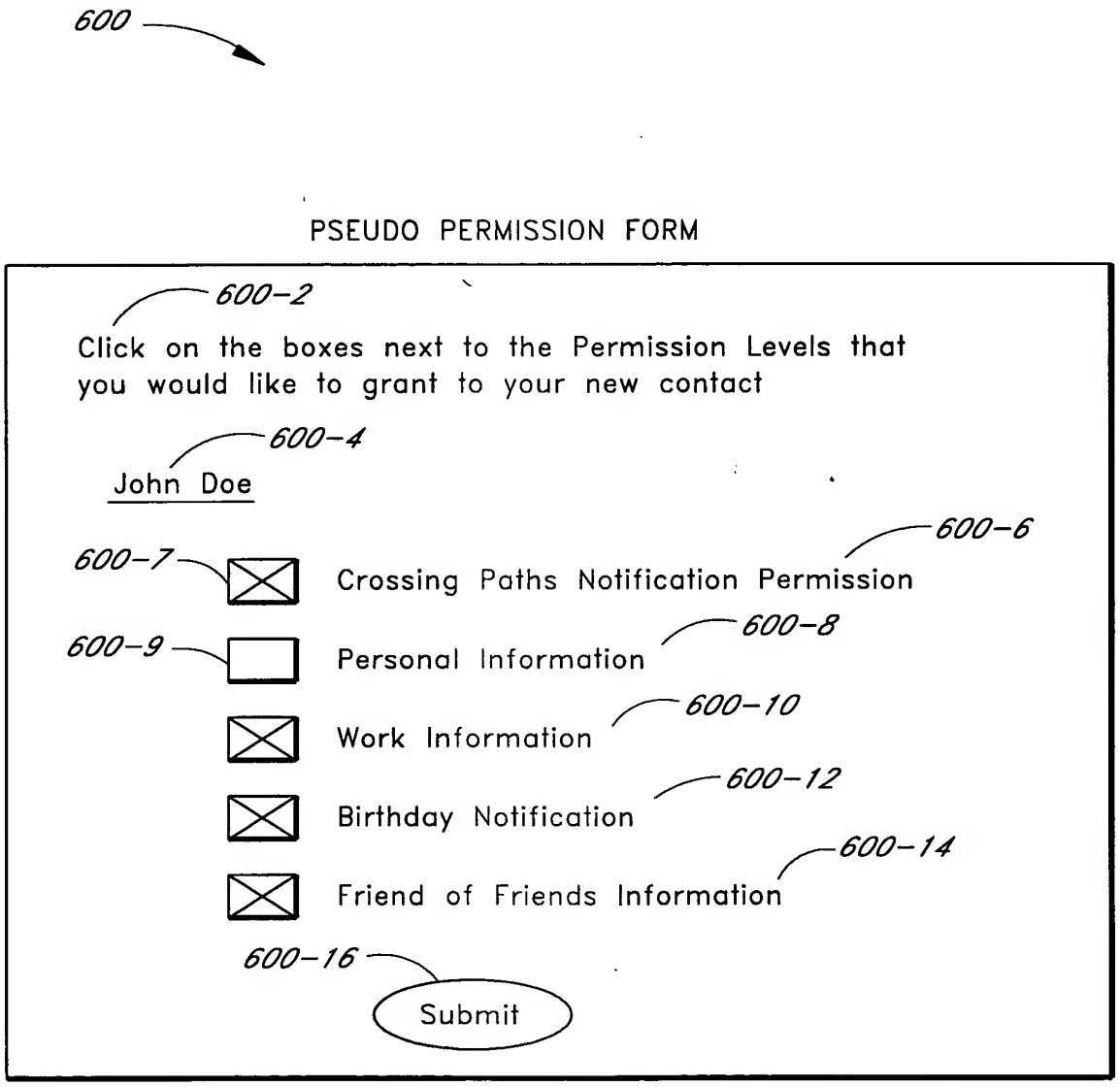
600
PSEUDO PERMISSION FORM
600-2
Click on the boxes next to the Permission Levels that you would like to grant to your new contact
600-4
John Doe
600-6
600-7
Crossing Paths Notification Permission
600-8
600-9
Personal Information
600-10
Work Information
600-12
Birthday Notification
600-14
Friend of Friends Information
600-16
Submit

FIG. 9

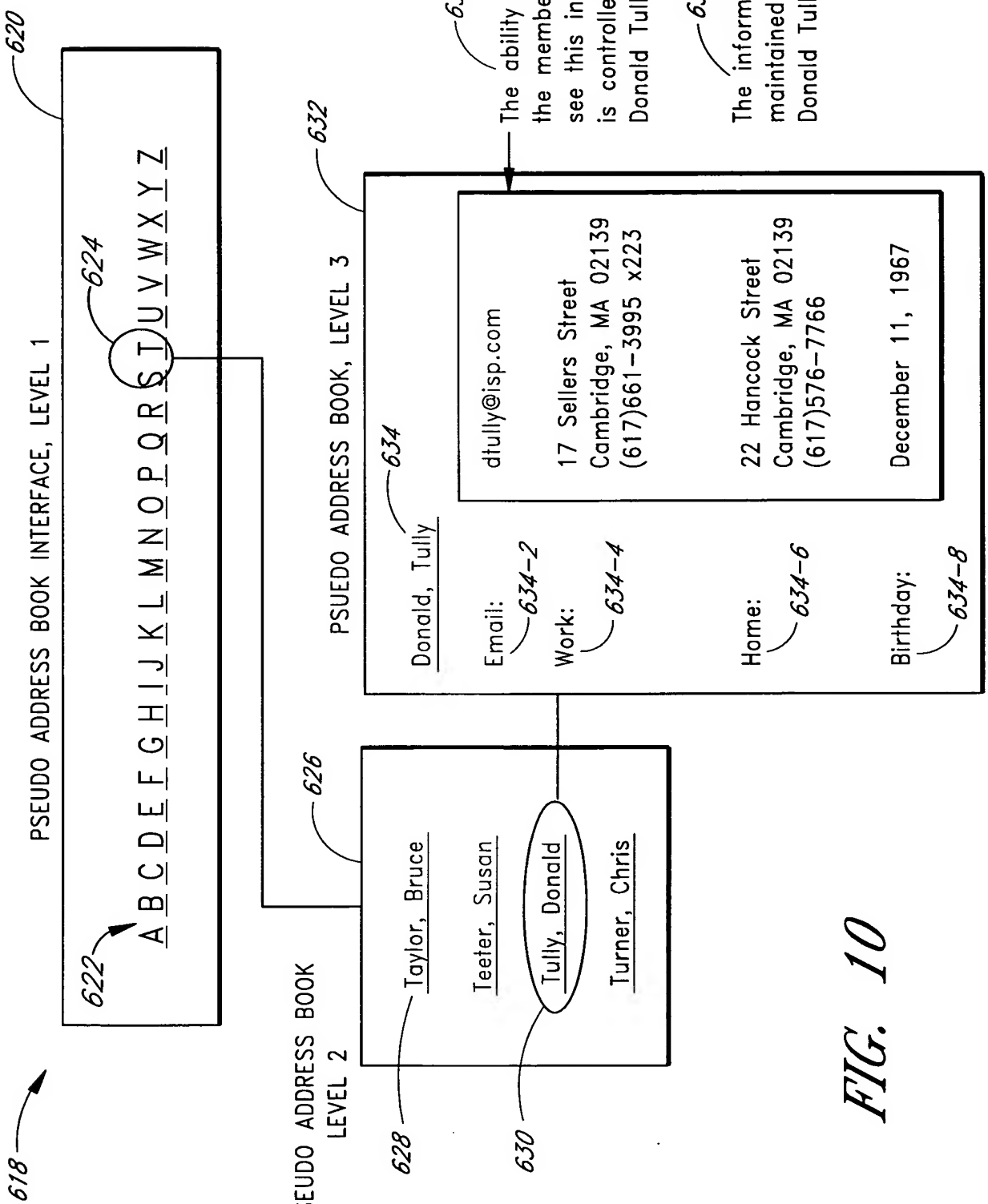
618
620
PSEUDO ADDRESS BOOK INTERFACE, LEVEL 1
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
622
624
PSEUDO ADDRESS BOOK LEVEL 2
626
Taylor, Bruce
Teeter, Susan
Tully, Donald
Turner, Chris
628
630
PSUEDO ADDRESS BOOK, LEVEL 3
632
Donald, Tully
634
Email:
634-2
Work:
634-4
Home:
634-6
Birthday:
634-8
dtully@isp.com
17 Sellers Street
Cambridge, MA 02139
(617)661-3995 x223
22 Hancock Street
Cambridge, MA 02139
(617)576-7766
December 11, 1967
636
The ability of the member to see this information is controlled by Donald Tully
638
The information is maintained by Donald Tully

FIG. 10

PSEUDO MEMBER UPDATE

Member Update — 650-2
December 7, 1998

650-4

The following of your contacts have upcoming birthdays:
- Avery Rogers (Dec. 11)
- Jane Bigelow (Dec. 14)

} 650-6

650-8

Your contacts have registered the following address changes:
- Tom Kohn

New work address:
1000 Wilson Boulevard
Arlington, Va 22229

} 650-10

New work phone:
703-558-3312

} 650-12

650-14

The following new members have affiliated with the same groups as you:
- Gary Clayton (State College, 1985) — 650-16

650-18

The following members have linked to you and have requested that you reciprocate:
- Jun Ohama
- Lee Rogers

} 650-20

650-22

You have scheduled a trip to Phoenix on December 14. The following of your contacts live in Phoenix or will be in Phoenix on that date:
- Andrew Kress
- Taylor Pierce

} 650-24

650-26

According to Astrology, the following of your contacts are compatible with you today (Libras)
- Bryan Jamieson
- Anne Thierry

} 650-28

FIG. 11

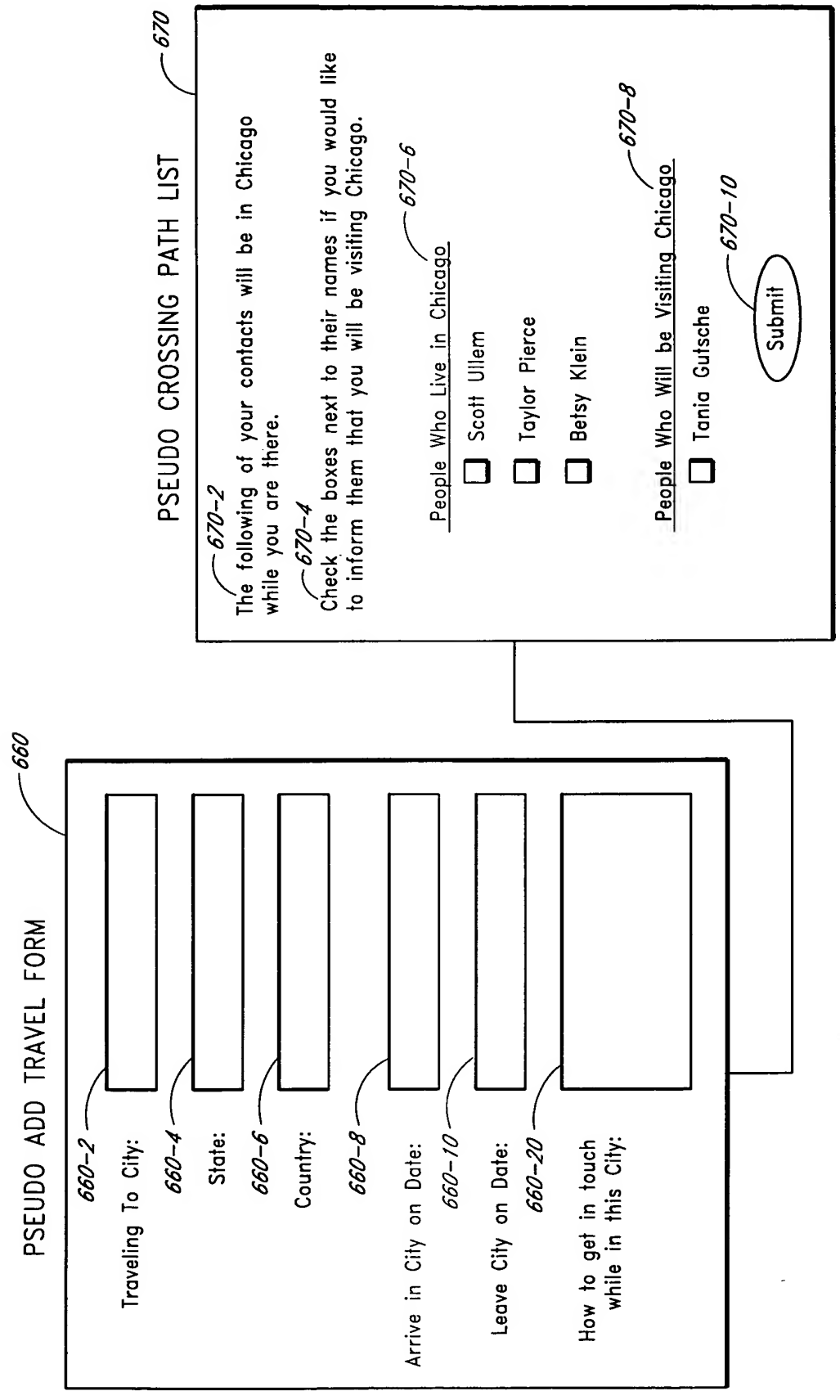
PSEUDO ADD TRAVEL FORM
660
660-2
Traveling To City:
660-4
State:
660-6
Country:
660-8
Arrive in City on Date:
660-10
Leave City on Date:
660-20
How to get in touch while in this City:
PSEUDO CROSSING PATH LIST
670
670-2
The following of your contacts will be in Chicago while you are there.
670-4
Check the boxes next to their names if you would like to inform them that you will be visiting Chicago.
670-6
People Who Live in Chicago
Scott Ullem
Taylor Pierce
Betsy Klein
670-8
People Who Will be Visiting Chicago
Tania Gutsche
670-10
Submit

FIG. 12

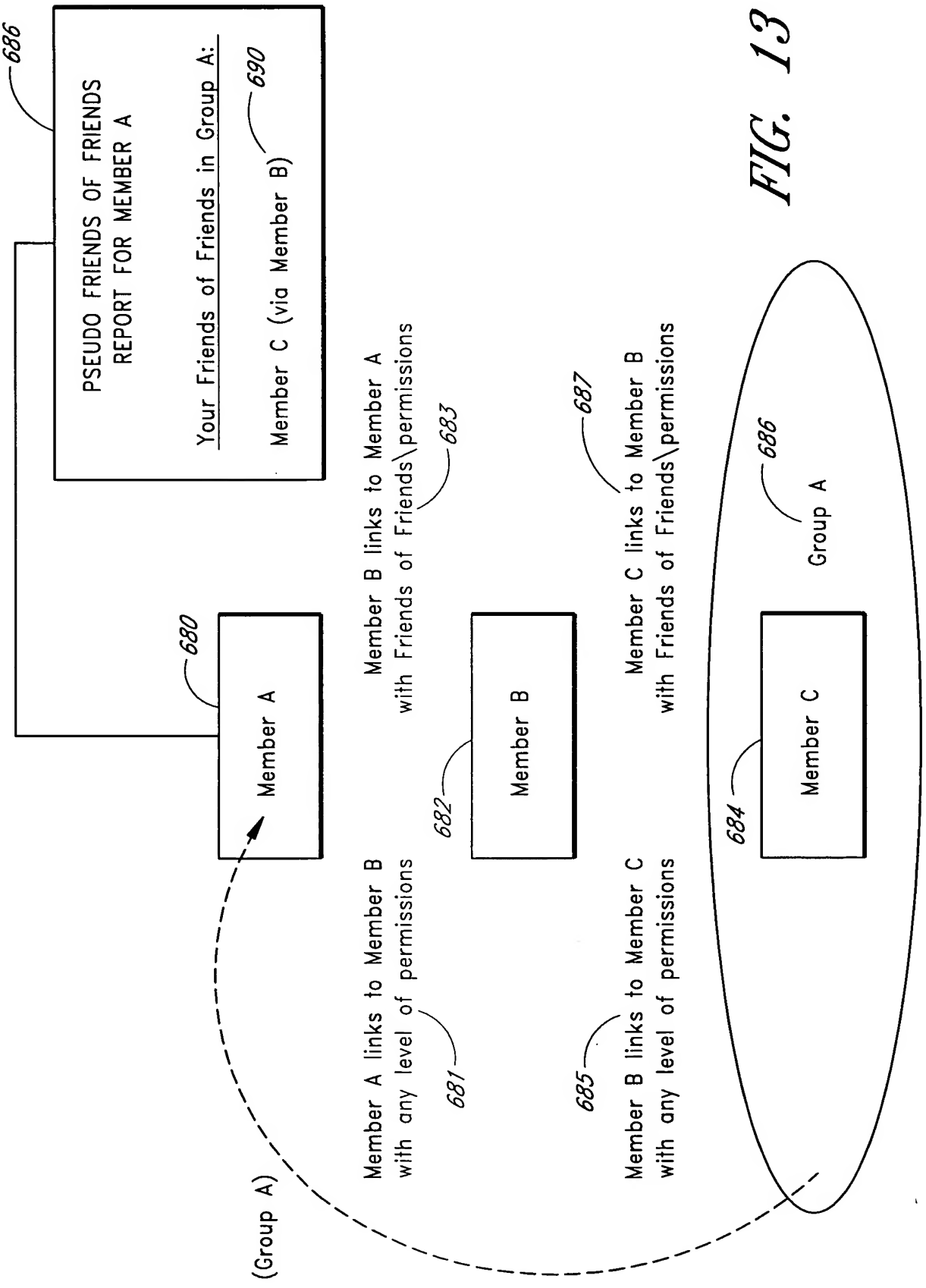
686
PSEUDO FRIENDS OF FRIENDS
REPORT FOR MEMBER A
Your Friends of Friends in Group A:
690
Member C (via Member B)
680
Member A
Member B links to Member A
with Friends of Friends\permissions
683
687
Member C links to Member B
with Friends of Friends\permissions
682
Member B
686
Group A
684
Member C
Member A links to Member B
with any level of permissions
681
685
Member B links to Member C
with any level of permissions
(Group A)

FIG. 13

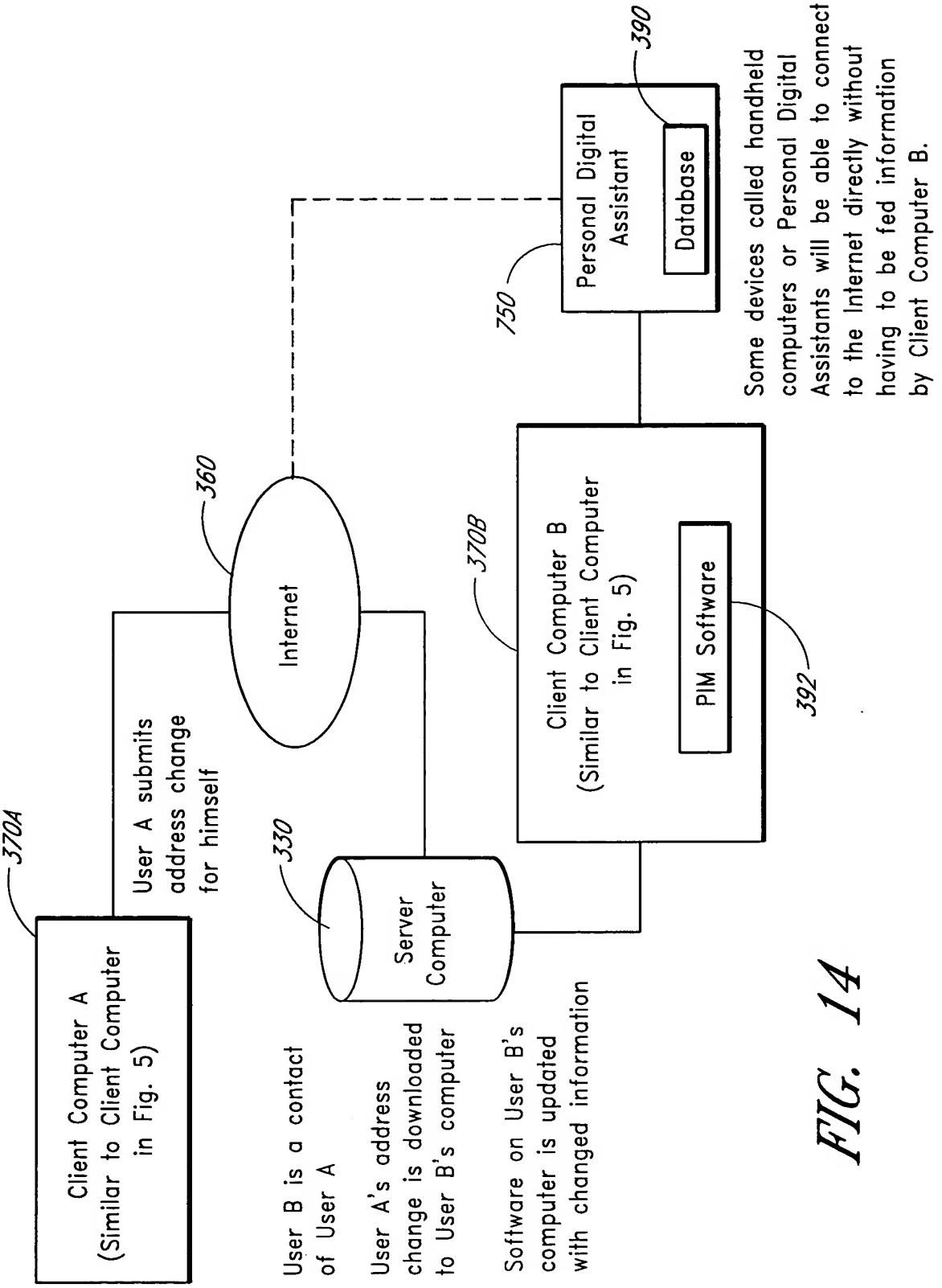
370A
Client Computer A
(Similar to Client Computer
in Fig. 5)
User A submits
address change
for himself
360
Internet
330
Server
Computer
User B is a contact
of User A
User A's address
change is downloaded
to User B's computer
Software on User B's
computer is updated
with changed information
370B
Client Computer B
(Similar to Client Computer
in Fig. 5)
PIM Software
392
750
Personal Digital
Assistant
390
Database
Some devices called handheld
computers or Personal Digital
Assistants will be able to connect
to the Internet directly without
having to be fed information
by Client Computer B.

FIG. 14